

**MULTIPLE MASTER DIGITAL ADDRESSABLE LIGHTING
INTERFACE (DALI) SYSTEM, METHOD AND APPARATUS**

ABSTRACT OF THE DISCLOSURE

A Digital Addressable Lighting Interface (DALI) master and DALI control bus

- 5 power supply in combination with at least one DALI sub-master are connected to a single DALI control bus. The single DALI control bus may have a plurality of DALI slave devices, e.g., luminaries connected thereto and disbursed throughout a plurality of offices and/or rooms. The DALI master and the at least one DALI sub-master allow local control of the lighting in each office or room while maintaining the simplicity and cost
10 effectiveness of a single DALI control bus system. Collision of commands sent simultaneously by two or more DALI masters may be detected and the corrupted commands retransmitted.

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